ANN BAVENDER JOHN C BUTCHERS HARRY F COLF ANNE GOODWIN CRUMP VINCENT J. CURTIS. JR. PAUL J. FELDMAN FRANK R. JAZZO M. SCOTT JOHNSON\* MITCHELL LAZARUS STEPHEN T. LOVELADY SUSAN A. MARSHALL HARRY C. MARTIN ALISON J. MILLER LEE G. PETRO\* RAYMOND J. QUIANZON MICHAEL W. RICHARDS\* JAMES P. RILEY KATHLEEN VICTORY HOWARD M. WEISS

\*NOT ADMITTED IN VIRGINIA

#### FLETCHER, HEALD & HILDRETH, P.L.C.

ATTORNEYS AT LAW

11th FLOOR, 1300 NORTH 17th STREET

ARLINGTON, VIRGINIA 22209-3801

OFFICE: (703) 812-0400 FAX: (703) 812-0486 www.fhhlaw.com RETIRED MEMBERS
RICHARD HILDRETH
GEORGE PETRUTSAS

CONSULTANT FOR INTERNATIONAL AND INTERGOVERNMENTAL AFFAIRS
SHELDON J. KRYS
II. S. AMBASSADOR (ret.)

OF COUNSEL
DONALD J. EVANS
FRANCISCO R. MONTERO
EDWARD S. O'NEILL\*
ROBERT M. GURSS\*
EUGENE M. LAWSON, JR.

WRITER'S DIRECT

(703) 812-0415 martin@fhhlaw.com

March 15, 2005

## **BY HAND**

Ms. Marlene H. Dortch Secretary Federal Communications Commission The Portals 445 12<sup>th</sup> Street, SW, Room TWB204 Washington, D.C. 20554

Re: Auction No. 81

**West Central Minnesota Educational Television Company** 

File No. BNPTTL-20000831BSC

MX Group 214

Facility ID No. 129304

Dear Ms. Dortch:

On behalf of West Central Minnesota Educational Television Company ("West Central"), applicant for a construction permit for a new LPTV station at Frost, Minnesota, this is to request that its above-referenced application be removed from Attachment A (page 17) of the Commission's *Public Notice*, DA 05-506 (released February 28, 2005) in this auction proceeding.

West Central's original application was mutually exclusive with the application of Federated Rural Electric Association for changes to K45EH, Jackson, Minnesota (File No. BMJPTTL-20000821AHA), and another application. However, West Central amended its application on March 5, 2004 to remove these conflicts. A copy of the amendment, and a CDBS printout verifying the filing date, are attached hereto. This amendment was timely filed in response to the Commission's Auction No. 81 settlement window *Public Notice*, DA 03-3881 (released December 5, 2003).

Ms. Marlene H. Dortch March 15, 2005 Page 2

In light of the resolution of the mutual exclusivity between West Central's application and the other application included in MX Group 214, it is respectfully requested that West Central's application be removed from the Auction No. 81 proceeding and placed on the next "grant list" to be published by the FCC's staff.

Should any question arise concerning this matter, please communicate with the undersigned.

Harry C Martin Counsel for

West Central Minnesota Educational

Television Company.

HCM:jpg

cc: Auction 81 Mailbox (<u>auction81@fcc.gov</u>)
Mr. Shaun A. Maher (via fax 202-418-2827)



Help | Home

# **Application Search Details**

File Number:

BNPTTL-20000831BSC

Call Sign:

NEW

Facility Id:

129304

FRN:

0005849286

**Applicant Name:** 

WEST CENTRAL MINNESOTA EDUCATIONAL

TELEVISION COMPANY, INC.

Frequency:

Channel:

45

Community of License:

FROST, MN

**Application Type:** 

ORIGINAL CONSTRUCTION PERMIT

Status:

SUPERSEDED

**Status Date:** 

02/07/2005

**Expiration Date:** 

Tolling Code:

**Application Service:** 

TX

**Disposed Date:** 

02/07/2005

**Accepted Date:** 

**Tendered Date:** 

03/08/2004

**Amendment Received** 

Date:

03/05/2004

Last Public Notice:
Last Report Number:

Authorization

Authorization not available

**Engineering Data** 

**View Engineering Data** 

**Legal Actions** 

**View Legal Actions** 

**PN Comment** 

**Public Notice Comment** 

Federal Communications Commission Washington, D.C. 20554	Approved by OMB 3060-0016 (June 2000)	FOR FCC USE ONLY
FCC 346		
APPLICATION FOR AUTHORIT OR MAKE A LOW POWER TV, OR TV BOOSTER STATIO	TV TRANSLATOR	FOR COMMISSION USE ONLY FILE NO. BNPTTL - 20000831BSC
Read INSTRUCTIONS Before F	Filling Out Form	

Sec	ection I - General Information							
1.	Legal Name of the Applicant		TELEVISION COMPANY, INC.					
	Mailing Address 120 WEST SCHLIEMAN AVENUE							
	City APPLETON		State or Country (if foreign address) Z MN 5	ZIP Code 6208 -				
	Telephone Number (include a 8007263178	rea code)	E-Mail Address (if available)	E-Mail Address (if available)				
	FCC Registration Number: 0005849286	Call Sign NEW	Facility ID Number 129304					
2.	Contact Representative (if oth HARRY C. MARTIN, ESQU		Firm or Company Name FLETCHER, HEALD & HILDRETH,	Firm or Company Name FLETCHER, HEALD & HILDRETH, PLC				
	Telephone Number (include a 7038120415	rea code)	E-Mail Address (if available) MARTIN@FHHLAW.COM					
3.	If this application has been su O Governmental Entity O	bmitted without a fee, in Noncommercial Educati	ndicate reason for fee exemption (see 47 C.F.R. onal Licensee/Permittee • Other AUCTION 8	Section 1.1114):				
4.	Facility Information							
	a. <b>©</b> Low Power TV Station	TV Translator O	TV Booster					
	b. Community of License: City: FROST State: MN		·					
5.	Application Purpose							
	O New station		O Major Modification of construction	permit				
	O Major Change in licensed	l facility	O Minor Modification of construction	permit				
	O Minor Change in licensed	l facility	G Amendment to pending application					
	a. File number of original cor	nstruction permit:	-	□ NA				
	If an amendment, submit as an Exhibit a listing by Section and Question Number the portions of the pending application that are being revised.  [Exhibit 1]							

NOTE: In addition to the information called for in this section, an explanatory exhibit providing full particulars must be submitted for each question for which a "No" response is provided.

Section II - Legal

		.144
i	1	
1.	· ·	i i i Voa i i Na
11.	· }	• Yes • No
	· · · · · · · · · · · · · · · · · · ·	
	Certification. Applicant certifies that it has answered each question in this application based on	i e e e e e e e e e e e e e e e e e e e
	Westitication Applicant certifies that it has answered each question in this application based out	i e e e e e e e e e e e e e e e e e e e
	Cel inication. Applicant columbs that it has answered each question in this applicance cases on	i e e e e e e e e e e e e e e e e e e e

	its review of the application instructions and wor has made an affirmative certification below, this the application satisfies each of the pertinent star instructions and worksheets.	certi: idard	fication constitut ls and criteria set	es its representation forth in the applicat	ion					
2.	Parties to the Application, List the applicant an	d all	parties to the app	olication. If other tha	n natura	al person	s, list officers,			
	directors, stockholders with interests of 1% or m  a. Name and address of the applicant and, if applicable, its officers, directors, stockholders with	b.C	itizenship.							
	interests of 1% or greater, or partners (if other than individual also show name, address and citizenship of		ositional Interest LC member, etc.	eneral pa	artner, III	mited partner,				
	natural person authorized to vote the stock). List the applicant first,	d.P	ercentage of vote	es.						
	officers next, then directors and, thereafter remaining stockholders and partners.	e. P	ercentage of equi	ity.						
	[Enter Parties Information]									
	Parties to the Application. List the applicant and all parties to the application. If other than natural persons, list officers, directors, stockholders with interests of 1% or more, general and limited partners and/or members.  a. Name and address of the applicant and, if applicable, its officers, directors, stockholders with interests of 1% or greater, or partners (if other than individual also show name, address, and citizenship of natural person authorized to vote the stock). List the applicant first, officers next, then directors and, thereafter, remaining stockholders and partners.  b. Citizenship.  c. Positional Interest: Officer, director, general partner, limited partner, LLC member, etc.  d. Percentage of votes.  e. Percentage of equity.  (a) Name and Address  (b) Citizenship  (c) Positional  Interest  (d) Percentage  of Votes  of Equity  NAMES OF OFFICERS AND DIRECTORS ON FILE IN CP APP. US  OFFICERS AND  DIRECTORS  100  100  100									
3.	Character Issues. Applicant certifies that neither applicant nor any party to the application has or has had any interest in or connection with:  a. any broadcast application in any proceeding where character issues were left unresolved or were resolved adversely against the applicant or party to the application; or b. any pending broadcast application in which character issues have been raised.  See Explanation in [Exhibit 2]									
4.										
5.	Alien Ownership and Control. Applicant cert: Section 310 of the Communications Act of 193-foreign governments.	ifies t 4, as	that it complies warmended, relating	with the provisions of alien	f is and	0	Yes O No			
							Exhibit 4]			

7	Program Service Certification. (For Low Power Television)	on Applicants Only) Applicant	O Yes O No				
o.	certifies that this station will offer a broadcast program service.	vice	- 1 C2 - 140				
7	Local Public Notice. (For new station and major change A that it has or will comply with the public notice requirement	pplicants Only) Applicant certifies	• Yes O No				
8.	Rebroadcast Certification. (For Applicants proposing tradicensee of the primary station) Applicant certifies that write licensee of the station whose programs are to be retrans	O Yes O No					
9.							
	An exhibit is required unless this question is inapplicable	[Exhibit 5]					
	D. Anti-Drug Abuse Act Certification. Applicant certifies that neither applicant nor any party to the application is subject to denial of federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Section 862.						
ma her of t	rtify that the statements in this application are true, complete in good faith. I acknowledge that all certifications and at aby waive any claim to the use of any particular frequency the previous use of the same, whether by license or otherwilication. (See Section 304 of the Communications Act of 1)	ttached Exhibits are considered material as against the regulatory power of the see, and request an authorization in accounts.	United States because				
Typed or Printed Name of Person Signing  Typed or Printed Title of Person Signing  PRESIDENT							
GL	EN CERNY						
Sig	nature	Date 3/5/2004					
_							

SE	CTION III - ENGINEERING DATA						
Ens	ECHNICAL SPECIFICATIONS Ensure that the specifications below are accurate. Contradicting data found elsewhere in this application will be lisregarded. All items must be completed. The response "on file" is not acceptable.						
TE	CH BOX						
1.	Channel Number: 45						
2.	Frequency Offset: C No offset C Zero offset Plus offset Minus offset						
3.	Translator Input Channel No. :						
4.	Primary station proposed to be rebroadcast:  Call Sign City State Channel						
5.	Antenna Location Coordinates: (NAD 27) Latitude: Degrees 43 Minutes 35 Seconds 9 North South  Longitude: Degrees 93 Minutes 55 Seconds 46 West Seast						
6.	Antenna Structure Registration Number: 1024302  Not Applicable Notification filed with FAA						
7.	Antenna Location Site Elevation Above Mean Sea Level: 344.4 meters						
8.	Overall Tower Height Above Ground Level: 92.9 meters						
9.	Height of Radiation Center Above Ground Level: 82 meters						

0. Maximum Effective Radiated Power (ERP) Towards Radio Horizon: 7 kW											
Maximum	Effect	ive Radiate	ed Pow	er (ERP) I	owards	Kadio Ho	HZOII.			<del></del>	
Maximum ERP in any Horizontal and Vertical Angle: 7 kW											
2. Transmitting Antenna: Before selecting Directional "Off-the-Shelf", refer to "Search for Antenna Information" under CDBS Public Access (http://svartifoss2.fcc.gov/prod/cdbs/pubacc/prod/cdbs_pa.htm). Make sure that the Standard Pattern is marked Yes and that the relative field values shown match your values. Enter the Manufacturer (Make) and Model exactly as displayed in the Antenna Search.  O Nondirectional O Directional "Off-the-shelf" O Directional composite  Manufacturer AND Model ALP8L1-HSEC-45											
Directional Antenna Relative Field Values:  N/A (Nondirectional or Directional "Off-the-shelf")  Rotation (Degrees): 0  No Rotation											
Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value
			0.687	20	0.758	30	0.826	40	0.89	50	0.944
60	0.979	70	0.996	80	0.999	90	0.999	100	0.999	110	1
120	0.999	130	0.999	140	0.999	150	0.996	160	0.979	170	0.944
180	0.89	190	0.826	200	0.758	210	0.687	220	0.597	230	0,476
240	0.34	250	0.229	260	0.188	270	0.222	280	0.287	290	0.322
300	0.287	310	0.222	320	0.188	330	0.229	340	0.34	350	0.476
Additional Azimuths											
					Relativ	e Field Po	ar Plot				
particular	rs must	be submi	e infori tted for	nation cal each que	lled for estion fo	in this sec or which a	ction, ar	explanat esponse i	ory exh s provid	ibit provi led.	ding full
	Maximum Transmitti Before selecti (http://svartifi match your vi O Nondii Manufacti Directio Rotation Degrees 0 60 120 180 240 300 Addition Azimuth  NOTE: particular	Maximum ERP in Transmitting Ante Before selecting Direct (http://svartifoss2.fcc.g match your values. Ente O Nondirectional Manufacturer AN Directional Ante Rotation (Degree Degrees Value 0 0.597 60 0.979 120 0.999 180 0.89 240 0.34 300 0.287 Additional Azimuths  NOTE: In addiparticulars must	Maximum ERP in any Hori Transmitting Antenna: Before selecting Directional "Off-the (http://svartifoss2.fcc.gov/prod/cdbs/match your values. Enter the Manufa O Nondirectional O Directional Antenna Related Rotation (Degrees):  Directional Antenna Related Rotation (Degrees):  Degrees Value Degrees  Degrees Value Degrees	Maximum ERP in any Horizontal a Transmitting Antenna: Before selecting Directional "Off-the-Shelf", re (http://svartifoss2.fcc.gov/prod/cdbs/pubacc/pr match your values. Enter the Manufacturer (Maximum Manufacturer AND Model ALPS)  Directional Antenna Relative Fiel Rotation (Degrees): 0  Degrees Value Degrees Value 0 0.597 10 0.687 60 0.979 70 0.996 120 0.999 130 0.999 180 0.89 190 0.826 240 0.34 250 0.229 300 0.287 310 0.222  Additional Azimuths	Maximum ERP in any Horizontal and Vertical Transmitting Antenna: Before selecting Directional "Off-the-Shelf", refer to "Searc (http://svartifoss2.fcc.gov/prod/cdbs/pubacc/prod/cdbs_pa.h match your values. Enter the Manufacturer (Make) and Mod O Nondirectional O Directional "Off-the-sl Manufacturer AND Model ALP8L1-HSEC Directional Antenna Relative Field Values: Rotation (Degrees): 0  Degrees Value Degrees Value Degrees O 0.597 10 0.687 20 0.597 10 0.687 20 0.999 130 0.999 140 180 0.89 190 0.826 200 120 0.999 130 0.999 140 180 0.89 190 0.826 200 240 0.34 250 0.229 260 300 0.287 310 0.222 320 Additional Azimuths  NOTE: In addition to the information caparticulars must be submitted for each que	Maximum ERP in any Horizontal and Vertical Angles  Transmitting Antenna: Before selecting Directional "Off-the-Shelf", refer to "Search for Ante (http://svartifoss2.fcc.gov/prod/cdbs/pubacc/prod/cdbs_pa.htm). Make match your values. Enter the Manufacturer (Make) and Model exactly  O Nondirectional O Directional "Off-the-shelf"  Manufacturer AND Model ALP8L1-HSEC-45  Directional Antenna Relative Field Values:  Rotation (Degrees): 0 No  Degrees Value Degrees Value Degrees Value  0 0.597 10 0.687 20 0.758  60 0.979 70 0.996 80 0.999  120 0.999 130 0.999 140 0.999  180 0.89 190 0.826 200 0.758  240 0.34 250 0.229 260 0.188  300 0.287 310 0.222 320 0.188  Additional Azimuths  Relative NOTE: In addition to the information called for particulars must be submitted for each question for	Maximum ERP in any Horizontal and Vertical Angle:  Transmitting Antenna: Before selecting Directional "Off-the-Shelf", refer to "Search for Antenna Information (http://svartifoss2.fcc.gov/prod/cdbs/pubacc/prod/cdbs_pa.htm). Make sure that the match your values. Enter the Manufacturer (Make) and Model exactly as displayed in Mondirectional One Directional "Off-the-shelf" Direction Manufacturer AND Model ALP8L1-HSEC-45  Directional Antenna Relative Field Values:  Rotation (Degrees): 0 No Rotation  Degrees Value Degrees Value Degrees Value Degrees  0 0.597 10 0.687 20 0.758 30  60 0.979 70 0.996 80 0.999 90  120 0.999 130 0.999 140 0.999 150  180 0.89 190 0.826 200 0.758 210  240 0.34 250 0.229 260 0.188 270  300 0.287 310 0.222 320 0.188 330  Additional Azimuths  Relative Field Pol  NOTE: In addition to the information called for in this see particulars must be submitted for each question for which a	Maximum ERP in any Horizontal and Vertical Angle:  Transmitting Antenna: Before selecting Directional "Off-the-Shelf", refer to "Search for Antenna Information" under (http://svartifoss2.fcc.gov/prod/cdbs/pubacc/prod/cdbs_pa.htm). Make sure that the Standard P match your values. Enter the Manufacturer (Make) and Model exactly as displayed in the Ante Nondirectional O Directional "Off-the-shelf" Directional comp Manufacturer AND Model ALP8L1-HSEC-45  Directional Antenna Relative Field Values:  Rotation (Degrees): 0	Maximum ERP in any Horizontal and Vertical Angle:  Transmitting Antenna: Before selecting Directional "Off-the-Shelf", refer to "Search for Antenna Information" under CDBS Public (http://svartifoss2.fcc.gov/prod/cdbs/pubacc/prod/cdbs_pa.htm). Make sure that the Standard Pattern is mark match your values. Enter the Manufacturer (Make) and Model exactly as displayed in the Antenna Search.  Nondirectional O Directional "Off-the-shelf" Directional composite  Manufacturer AND Model ALP8L1-HSEC-45  Directional Antenna Relative Field Values: N/A (Nondirectional or Directional Antenna Relative Field Values: Nondirectional or Directional Office of Nondirectional Office o	Maximum ERP in any Horizontal and Vertical Angle:  Transmitting Antenna: Before selecting Directional "Off-the-Shelf", refer to "Search for Antenna Information" under CDBS Public Access (http://svartifossz.fcc.gov/prod/cdbs/pubacc/prod/cdbs_pa.htm). Make sure that the Standard Pattern is marked Yes and match your values. Enter the Manufacturer (Make) and Model exactly as displayed in the Antenna Search.  Nondirectional O Directional "Off-the-shelf" O Directional composite  Manufacturer AND Model ALP8L1-HSEC-45    Directional Antenna Relative Field Values: Rotation (Degrees): 0	Maximum ERP in any Horizontal and Vertical Angle: 7 kW  Transmitting Antenna:  Before selecting Directional 'Off-the-Shelf', refer to "Search for Antenna Information" under CDES Public Access (http://svartifoss2.fcc.gov/prod/cdbs/pubacc/prod/cdbs_pa.htm). Make sure that the Standard Pattern is marked Yes and that the relamantate your values. Enter the Manufacturer (Make) and Model exactly as displayed in the Antenna Search.  O Nondirectional O Directional "Off-the-shelf" O Directional composite  Manufacturer AND Model ALP8L1-HSEC-45  Directional Antenna Relative Field Values:  Rotation (Degrees): 0  O No Rotation  Degrees Value Degrees Value Degrees Value Degrees Value Degrees Value Degrees O 0.597 10 0.687 20 0.758 30 0.826 40 0.89 50 0.999 110 0.999 110 0.999 110 0.999 110 0.999 110 0.999 110 0.999 110 0.999 110 0.999 110 0.999 110 0.999 120

Interference: The proposed facility complies with all of the following applicable rule O yes O No sections. Check all those that apply. See Explanation in [Exhibit 6] TV broadcast analog system protection. a. 47 C.F.R. Section 74.705 Digital TV station protection. b. 47 C.F.R. Section 74.706 Low Power TV and TV translator station protection. c. 47 C.F.R. Section 74.707 O Yes O No 14. Environmental Protection Act. The proposed facility is excluded from environmental processing under 47. C.F.R. Section 1.1306 (i.e., The facility will not have a significant environmental impact and complies with the maximum permissible radiofrequency See Explanation in electromagnetic exposure limits for controlled and uncontrolled environments). Unless the [Exhibit 7] applicant can determine RF compliance, an Exhibit is required. By checking "Yes" above, the applicant also certifies that it, in coordination with other users of the site, will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic exposure in excess of FCC guidelines. PREPARERS CERTIFICATION ON PAGE 3 MUST BE COMPLETED AND SIGNED.

## SECTION III PREPARER'S CERTIFICATION

I certify that I have prepared Section III (Engineering Data) on behalf of the applicant, and that after such preparation, I have examined and found it to be accurate and true to the best of my knowledge and belief.

Name WAYNE S. REESE		Relationship to Applicant (e.g., Consulting Engineer) CONSULTING ENGINEER			
Signature	Date 3/5/2004	3)			
Mailing Address PO BOX 220 385 AIRPORT DRIVE					
City COLDWATER	State or Country (if foreign address) MI	Zip Code 49036 - 0220			
Telephone Number (include area code) 5172787339	E-Mail Address (if available) WAYNE@MUNN-REESE.COM				

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1)), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503).

#### **Exhibits**

#### Exhibit 1

**Description: EXPLANATION OF AMENDMENT** 

THIS AMENDMENT IS BEING FILED IN RESPONSE TO PUBLIC NOTICE DA 03-3881. THIS AMENDMENT SUBSTITUTES A NEW ALLOCATION STUDY IN EXHIBIT 6 AND RF RADIATION STUDY IN EXHIBIT 7. A SLIGHTLY DIFFERENT ANTENNA PATTERN HAS BEEN EMPLOYED.

#### Attachment 1

#### Exhibit 6

Description: ALLOCATION STUDY -SEE DISCUSSION IN THIS EXHIBIT

THE ATTACHED DOCUMENTS FORM AN ALLOCATION STUDY THAT IS BEING SUBSTITUTED FOR THE ONE THAT WAS INCLUDED IN THE ORIGINAL PAPER FILING.

#### Attachment 6

	Description
Exhibit 6.0 - Allocation Discussion	
Exhibit 6.1 - Allocation Tabulation	
Exhibit 6.2 - Allocation Contour Map	
Exhibit 6.3 - Received Overlap Map	

Exhibit 6.4 - Channel 30 Service Areas

Exhibit 7

Description: COMPLIANCE WITH RADIOFREQUENCY RADIATION GUIDELINES

REVISED RF RADIATION STUDY

Attachment 7

Description

Exhibit 7 - RF Radiation Study

#### EXHIBIT 6.0

The instant amendment seeks to extricate the proposed LPTV facility from Group M286 of mutually exclusive applications for the upcoming Auction No. 81. This group includes the instant application and two other applications from existing LPTV licensees. One application is for K45EH<sup>1</sup> at Jackson, MN, and the other application is for K60FY<sup>2</sup> at Frost, MN. Each of these applications requests a modest power increase.

The facility requested in the instant application, File No. BNPTTL-20000831BSC, does not cause prohibited contour overlap to any other authorized or proposed facility. *Exhibit 6.1* is a Tabulation of Allocation Spacing that shows contour clearance with all other stations in the allocation, including the licensed and proposed operations of K45EH.

Exhibit 6.2 is an allocation contour map. The protected contours of the three closest facilities—K45DH at Austin, MN; KSTC-TV at Minneapolis-St. Paul, MN; and the K45EH application at Jackson, MN—are shown. Also shown are the proposed interference contours that correspond to each of the protected contours. The contours have been color coded to aid in identification. A single, red interference contour is shown for both the licensed and proposed protected contours of K45EH.

The proposed facility does receive contour overlap from K45EH. Exhibit 6.3 is a map showing the service and interference contours for the proposed LPTV facility at Frost, MN, as well as the licensed and proposed contours for K45EH. Inspection of this map will show that the interference contour proposed in the instant application does not overlap the authorized or proposed service contour of K45EH. In contrast, both the authorized and proposed K45EH interference contours completely overlap the proposed Frost service contour. Normally, this would not preclude a grant of the Frost application because LPTV facilities are allowed to receive, but not give, contour overlap. However, in the present proceeding, multiple applications were filed, and one station's "received" overlap becomes another station's "given" overlap. Thus, the instant application has become mutually exclusive with the K45EH application. In an effort to resolve this mutual exclusivity, the applicant states that it is willing to receive either the authorized or proposed contour overlap from K45EH and requests that this factor not preclude a grant of either application.

The mutual exclusivity with K60FY is a result of §74.707(d)(5). This rule prohibits K60FY from placing an 80 dBu contour across or within the 74 dBu contour of the proposed Channel 45 facility. However, nothing in this section of the rules prevents the Channel 45 station from moving next to the station on Channel 60. Thus, the application by K60FY does not preclude a grant of the instant application, but the instant application precludes a grant of the K60FY application. Since the two facilities have applied for use of the same tower, there is no way to eliminate the prohibited contour overlap.

<sup>&</sup>lt;sup>1</sup> File No. BMJPTTL-20000821AHA, Facility ID #: 21282

<sup>&</sup>lt;sup>2</sup> File No. BMJPTTL-20000821AHC, Facility ID #: 5897

Table II of §73.698 labels this 15 channel taboo as the "picture image" taboo. Thus, the purpose of the prohibition in §74.707(d)(5) is to prevent interference to the video information of stations operating on Channel 30, which is the image of Channel 60 when mixed with Channel 45. A search was made for all Channel 30 stations within 200 km of the proposed LPTV site. Exhibit 6.4 shows the small area formed by the overlap of the service contour proposed in the instant application and the proposed K60FY 80 dBu interference contour. Also shown on this map are the relevant service contours for each of the Channel 30 facilities that were found in the search. The contour shown for the vacant NTSC allotment (AL614) represents the contour that would result from an omni-directional antenna operating with 5,000 kW of effective radiated power mounted 600 meters above average terrain. Inspection of the map will show that the proposed prohibited contour overlap area, where interference to Channel 30 might be expected to occur, lies completely outside the service area of any Channel 30 facility. Therefore, the applicant requests that §74.707(d)(5) be waived for both the instant application and the K60FY application since no actual interference will result from a grant of these two applications.

The willingness of the applicant to accept interference from K45EH, combined with a waiver of §74.707(d)(5), will allow the mutual exclusivity to be resolved for all three applicants in Group M286. The applicant requests all three applications be given "singleton" status. A timely grant of these applications will not result in any new interference to existing viewers and will allow increased service to the public in this sparsely populated area without further delay.

### Exhibit 6.1

#### Allocation Tabulation Channel 45 - Frost MN

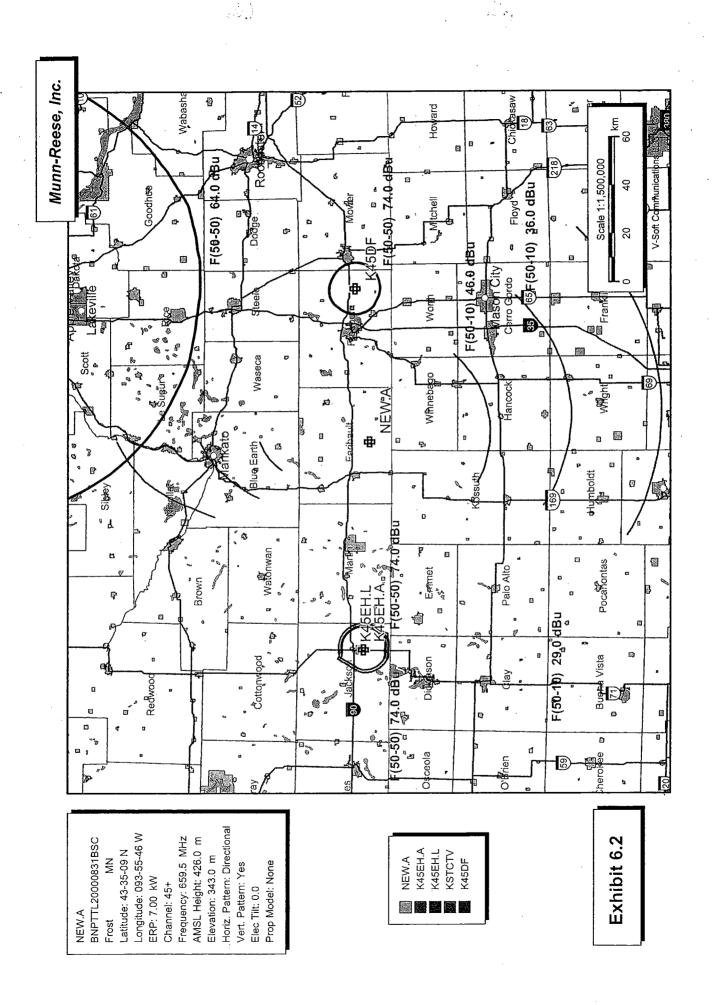
REFERENCE 43 35 09 N LPTV Pwr = 7 kW, HAMSL COR= 426 M 93 55 46 W	DATA SEARCI	02-28-04 H 03-04-04
Call Channel Location Dist Azi N. Lat. W. Lng. Power HAAT	FCC	 Margin
NEW         AP         45+ Frost         MN         0.00         0.0           43         35         09         93         55         46         DXN         7.000 kW         98 M           West Central Minnesota Edu         BNPTTL20000831BSC	> 141.82	-141.82
K45DF* LI 45- Austin MN 63.44 84.4 43 38 18 93 08 49 XN 1.470 kW 144 M Teleview Systems Of Minnes BLTTL19920313JF	> 062.75	0.69
KSTCTV*LI 45Z Minneapolis-st. MN 175.78 20.7 45 03 45 93 08 21 VY 5000.000 kW 433 M Kstc.tv, Llc BLCT20020318AAJ	> 173.60	2.18
K45EH* AP 45+ Jackson MN .85.87 271.7 43 36 12 94 59 33 XN 3.000 kW 108 M Federated Rural Electric A BMJPTTL20000821AHA	> 077.78	8.09
KXLT-D*CP       46       Rochester       MN       113.44       86.3         43       38       34       92       31       35       DTY       923.908 kW       329 M         Shockley Broadcasting, Llc       BPCDT19991026ABN	> 104.80	9.34
K45EH* LI 45+ Jackson       MN 85.87 271.7         43 36 12 94 59 33 XN       1.800 kW 108 M         Federated Rural Electric A       BLTTL199503141L	> 076.51	9.36
KIINTV*ALD 45 IOWA CITY IA 296.56 133.5 41 43 15 91 20 30 D 920.456 kW 416 M BMLET900918KE	> 279.30	17.28
KMTV-D CP       45 Omaha       NE 306.37 214.9         41 18 25       96 01 37 TY 1000.000 kW 426 M         Emmis Television License C       BPCDT19991026ABT		17.99
KIIN-D*CP 45 Iowa City IA 296.56 133.5 41 43 15 91 20 30 TY 922.300 kW 405 M Iowa Public Broadcasting B BPEDT20000406AAQ	> 278.31	18.25
K45GV CP 45Z Emmettsburg       IA 80.32 229.2         43 06 42 94 40 38 XN       1.000 kW 52 M         Dean M. Mosely       BNPTTL20000830AGZ	> 061.84	18.48
KMTV ALD 45 OMAHA NE 306.36 214.9 41 18 25 96 01 37 D 1000.000 kW 418 M BLCT2607		18.65

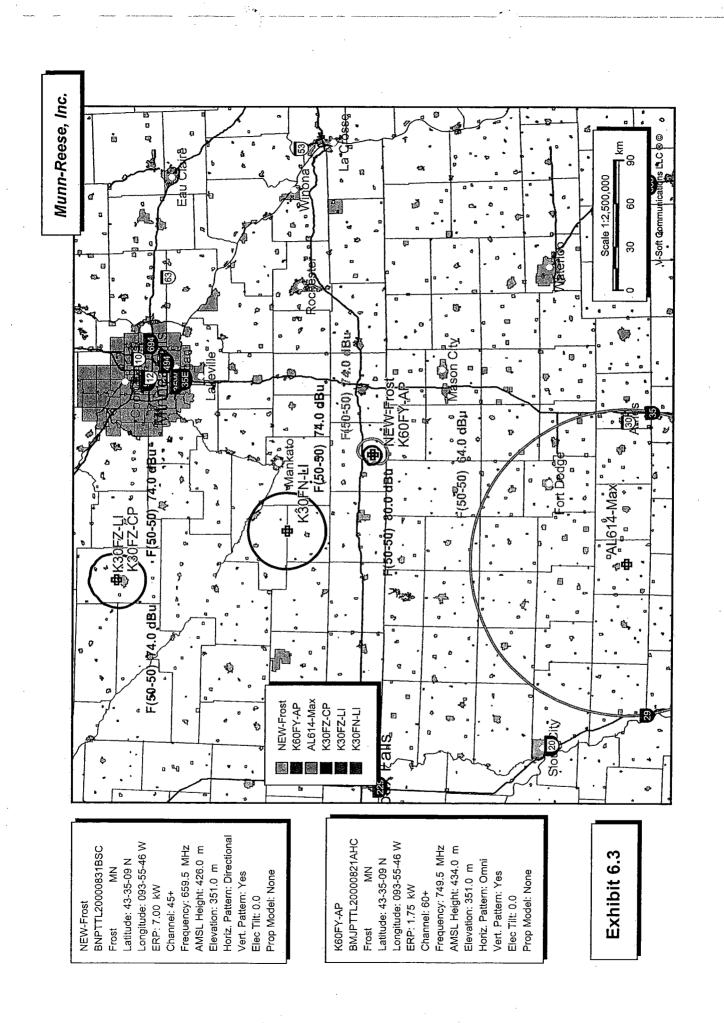
MUNN-REESE, INC. Broadcast Engineering Consultants Coldwater, MI 49036

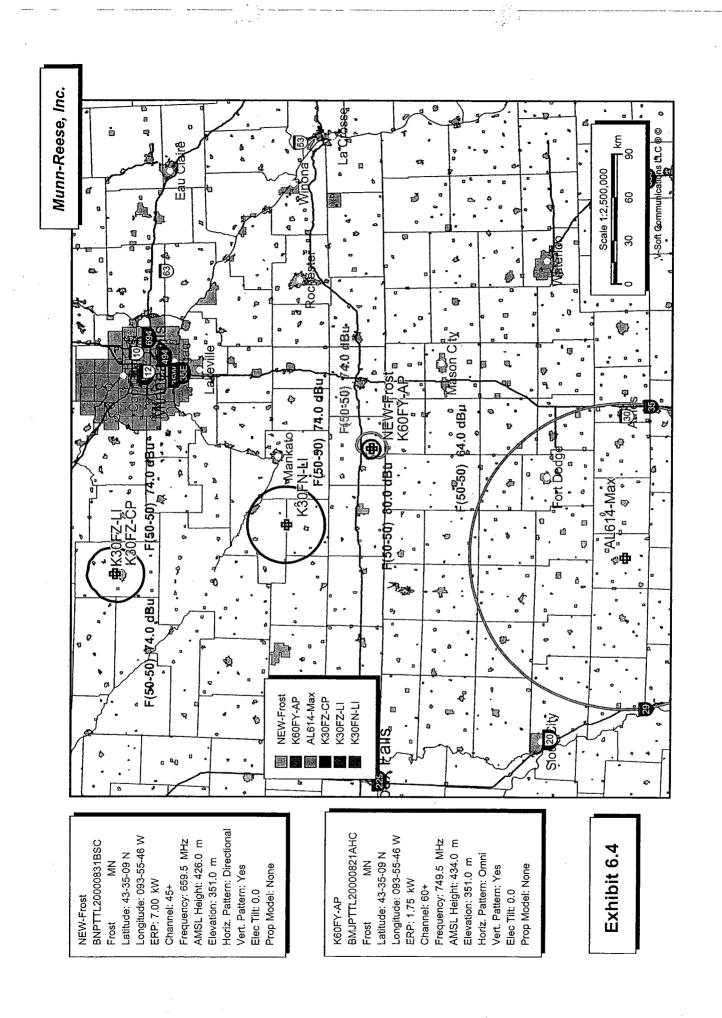
Call N. Lat.	Channel W. Lng.	Location	Dist Power	Azi HAAT	Page FCC	# 2 Margin
KMTV-D ST 41 18 25	45 Omaha 96 01 37	TN	NE 306.36 700.000 kW BMDSTA200	214.9 393 M		24.33
KXLT-D ST 43 38 34 Shockl	46 Rochest 92 31 35 ey Broadcast	er DTN ing, Llc	MN 113.44 55.300 kW BDSTA2002	86.3 343 M 1009ABB	> 084.37	29.07
41 18 25	96 01 37	TN	NE 306.36 250.000 kW BDSTA2003	393 M	> 273.29	33.07
43 49 03	93 17 33	DXN	MN 57.43 8.000 kW BNPTTL200	118 M	> 020.42	37.01
NEW AP 43 49 03 Three	44+ Geneva 93 17 33 Angels Broad	DXN casting	MN 57.43 8.000 kW BNPTTL200	63.1 118 M 00830BJP	> 020.42	37.01
K45DJ LI 44 48 17 Minnes	45+ Granite 95 34 49 sota Valley T	Falls XN v Improv	MN 189.11 1.450 kW BLTTL1992	316.4 135 M 0529IC	> 139.20	49.91
43 40 35	93 00 12	DXN	MN 75.41 10.000 kW BNPTTL200	138 M	> 022.96	52.45
44 06 27	94 35 43	BN	MN 78.91 12.300 kW BLTT19991	314 M	> 023.22	55.69
44 06 28	94 35 55	ХИ	MN 79.11 2.000 kW BMJPTTL20	197 M	> 019.05	60.06
45 03 45	44 Minneap 93 08 21 cv, Llc	olis TY 1	MN 175.78 .000.000 kW BMPCDT200	430 M	> 114.50	61.28
44 06 28	94 35 55	XN	MN 79.11 1.370 kW BLTTL1997	197 M	> 017.82	61.29
44 06 28	44- St. Jam 94 35 55 cative Tv Ass	XN	MN 79.11 1.350 kW BLTTL1997	197 M	> 017.77	61.34
NEW AP 43 22 46 Pappas	44- Estherv 94 49 55 Telecasting	ille XN Compani	IA 76.53 1.000 kW BNPTTL200	252.8 131 M 00831ALK	> 014.96	61.57

Call Channel N. Lat. W. Lng.	Location	Dist Power	Azi HAAT	Page FCC	# 3 Margin
AL614 AL 30+ Carroll 42 00 38 94 50 46		IA 190.39 0.000 kW	203.4 600 M	> 123.31	67.08
KXLTTV ALD 46 ROCHEST 44 02 39 92 23 56		MN 133.26 0.000 kW BLCT87082	66.9 104 M	> 065.44	67.82

<sup>\*</sup> Actual radials antenna height and directional patterns used (if any)







#### **EXHIBIT 7**

## COMPLIANCE WITH RADIOFREQUENCY RADIATION GUIDELINES

The proposed antenna will be a Model ALP8L1-HSEC-45 manufactured by Andrew Corporation. The antenna will be mounted with its center of radiation 82 meters above ground, making it 80 meters above an observer on the ground, who is assumed to be 2 meters tall. A maximum effective radiated power of 7.0 kW (7,000 watts) has been requested. The antenna is horizontally polarized.

For NTSC television facilities, Equation 2 of Supplement A (Edition 97-01) to OET Bulletin No. 65 (Edition 97-01) can be used to predict the potential exposure to radiofrequency radiation. The equation predicts ground exposure in terms of total power density expressed in units of  $\mu$ W/cm<sup>2</sup>. This equation states:

$$S = \frac{33.4(F^2)[0.4ERP_V + ERP_A]}{R^2}$$

where:  $S = Total Power Density in units of <math>\mu W/cm^2$ 

F = Relative Field of Pattern

ERP<sub>V</sub> = Total Peak Visual Effective Radiated Power in Watts

ERP<sub>A</sub> = Total Aural Effective Radiated Power in Watts

R = Distance in Meters

For the region within 315 meters of the base of the supporting structure, the antenna manufacturer's tabulation lists a maximum relative field of 0.268 at a depression angle of 67 degrees. In the case of the present study, a relative field value of 0.30 was used as a "worst case" scenario. The visual ERP was set equal to 7,000 watts with a maximum aural injection of 22 %. A distance of 80 meters was used, which would be the antenna height above a 2 meter tall observer standing at the base of the tower. This is also the shortest possible distance from an observer on the ground to the antenna. Solving the above equation for S yields a total power density of 2.04  $\mu W/cm^2$ .

At Channel 45, the FCC guideline for uncontrolled environments is found by dividing the center frequency of the channel, 659 MHz, by 1500. This gives a maximum allowable exposure of 0.4393 mW/cm², or 439.3  $\mu$ W/cm². Thus, the maximum predicted total power density from the proposed LPTV facility is 0.46 % of the limit for uncontrolled environments. At this frequency, the limit for uncontrolled environments is one-fifth of the limit for controlled environments. Therefore, the predicted exposure level is 0.09 % of the limit for controlled environments.

Chapter 47 of the Code of Federal Regulations, §1.1307(b)(3) states: "In general, when the guidelines specified in §1.1310 are exceeded in an accessible area due to the emissions from multiple fixed transmitters, actions necessary to bring the area into compliance are the shared responsibility of all licensees whose transmitters produce, at the area in question, power density levels that exceed 5% of the

power density exposure limit applicable to their particular transmitter or field strength levels that, when squared, exceed 5% of the square of the electric or magnetic field strength limit applicable to their particular transmitter. Owners of transmitter sites are expected to allow applicants and licensees to take reasonable steps to comply with the requirements contained in §1.1307(b) and, where feasible, should encourage co-location of transmitters and common solutions for controlling access to areas where the RF exposure limits contained in §1.1310 might be exceeded." Because the proposed facility will contribute less than 5.0 % of its applicable limit, it would be categorically exempt from responsibility for bringing the site into compliance with the guidelines—even if the total exposure at the site exceeded the guidelines.

The facility will be properly marked with signs, and entry will be restricted by means of fencing with locked doors and/or gates. Any other means that may be required to protect employees and the general public will be employed. In the event work is required in areas near the antenna where fields could exceed the guidelines, the station will cooperate with other licensees at the site to reduce power or cease operation during the critical period.